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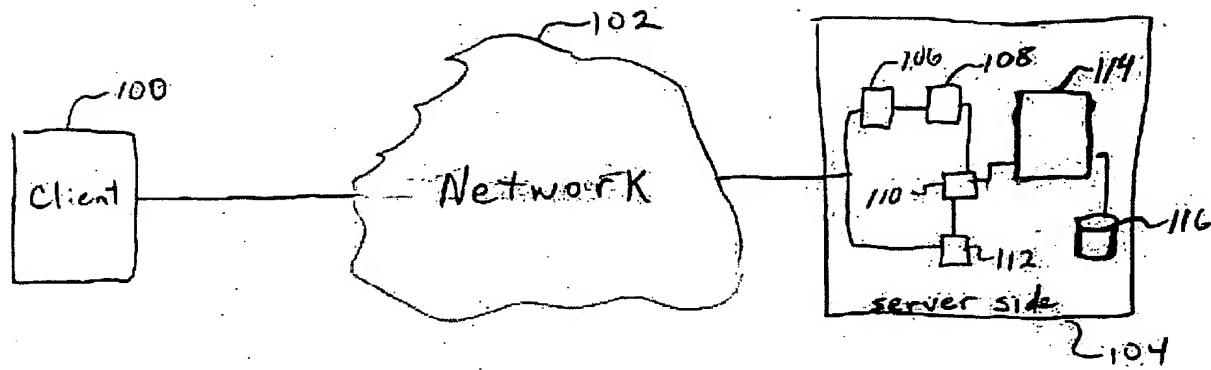


Fig. 1 (prior art)

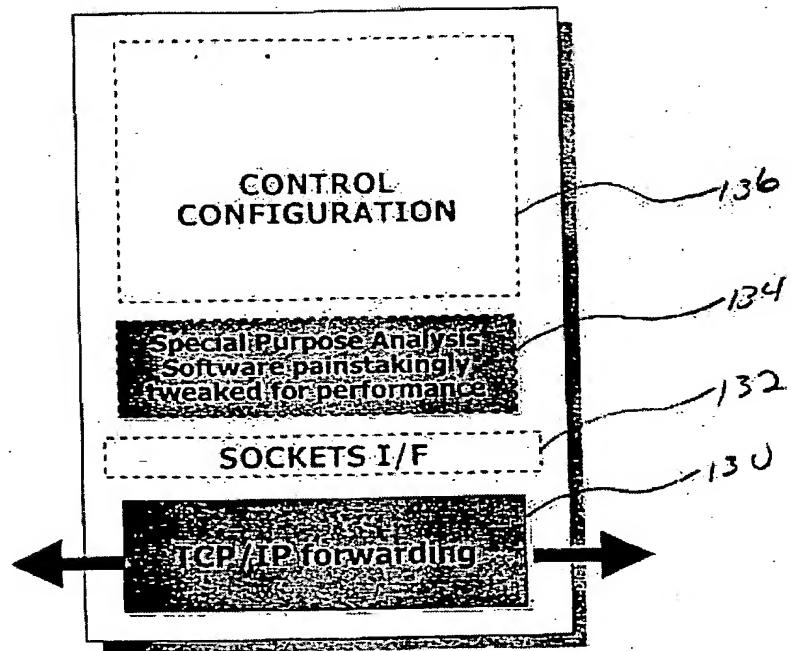


Fig 2 (prior art)

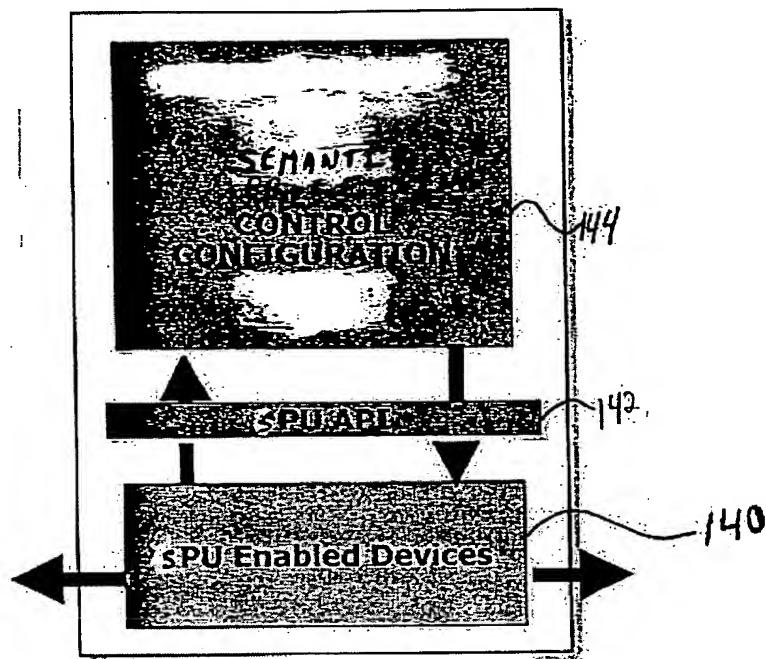


Fig. 3

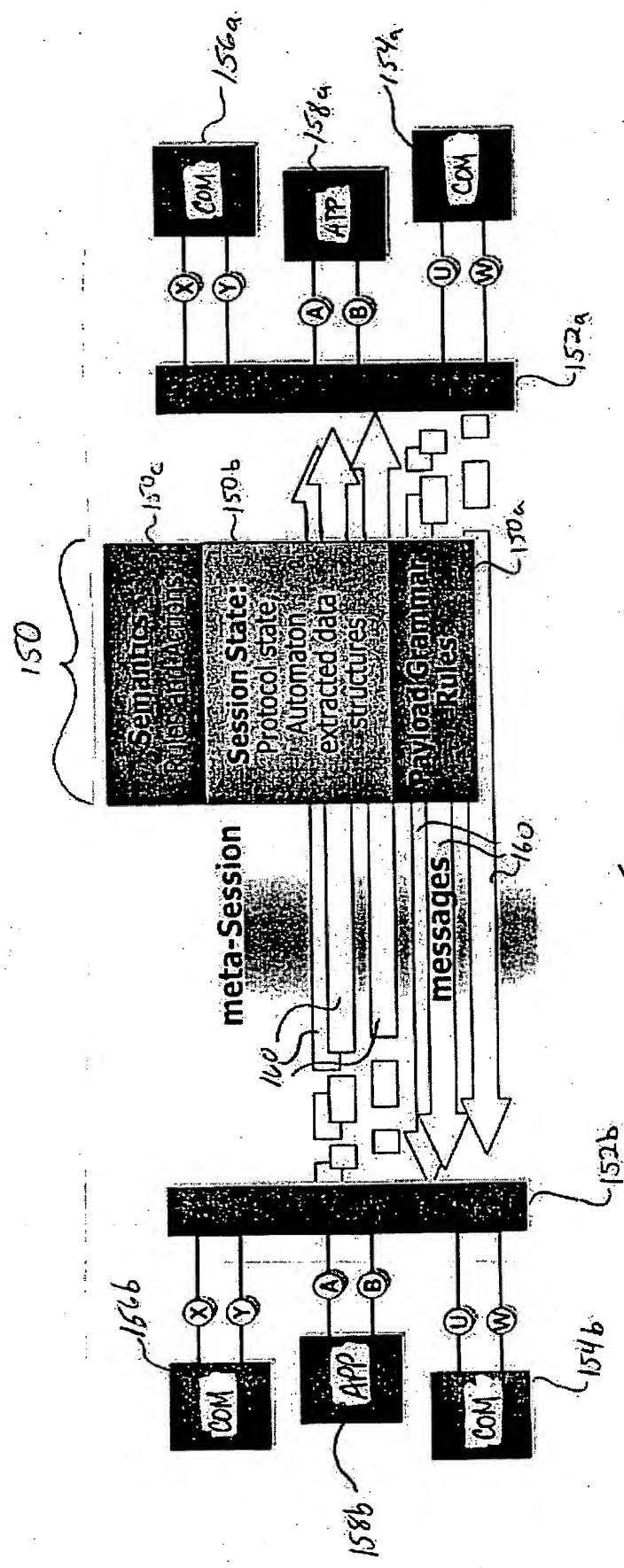


Fig. 4A

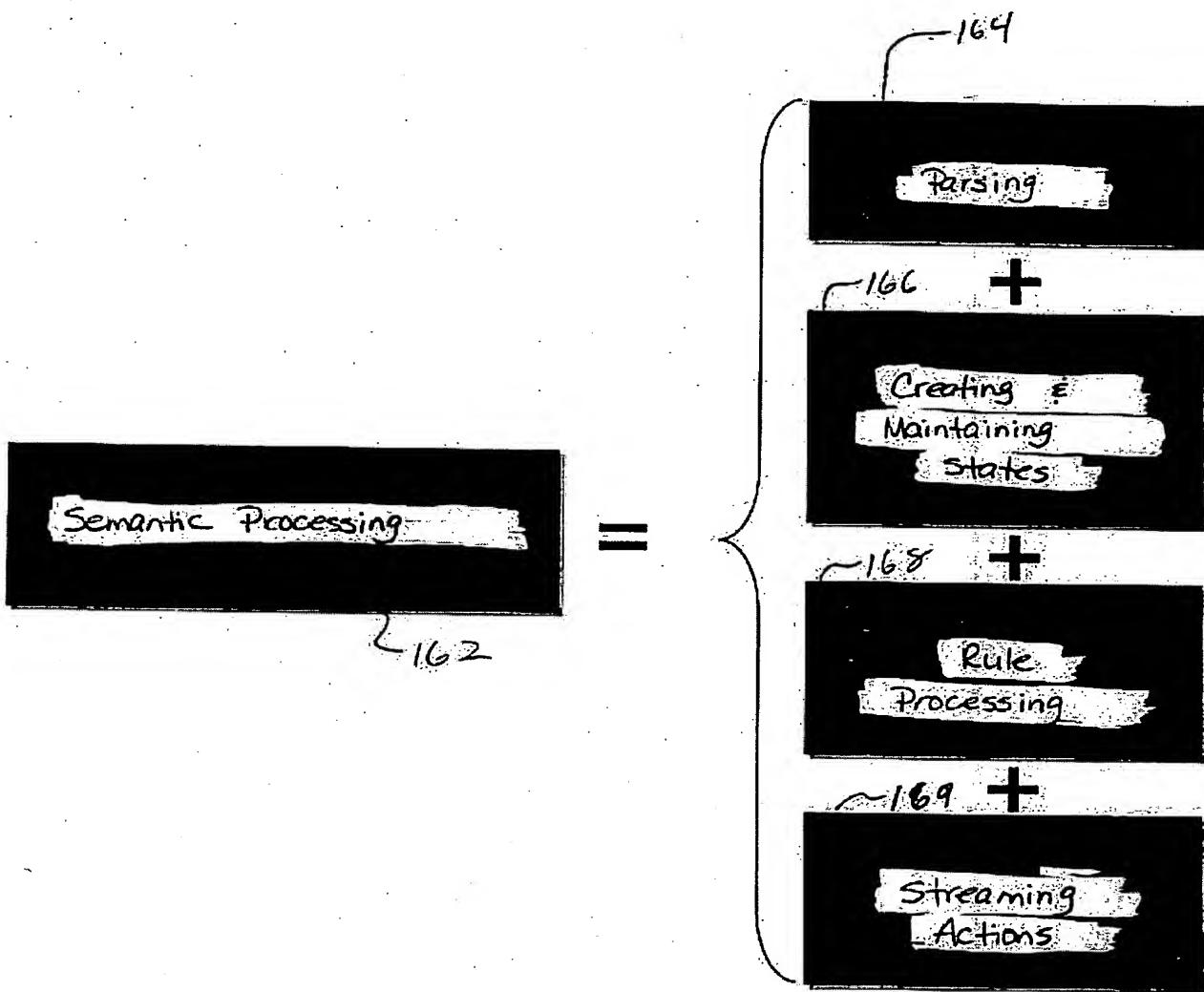


Fig. 4B

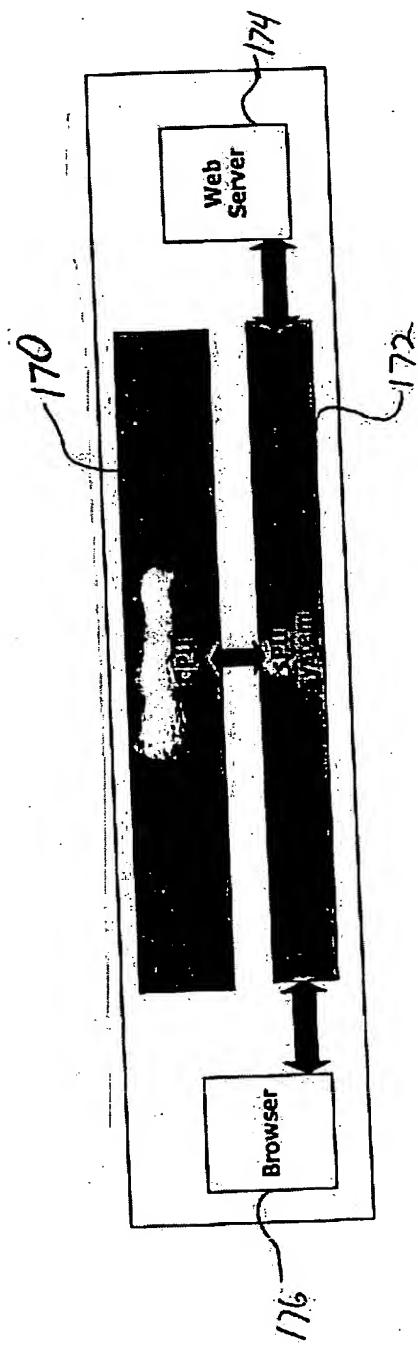


Fig. 5A

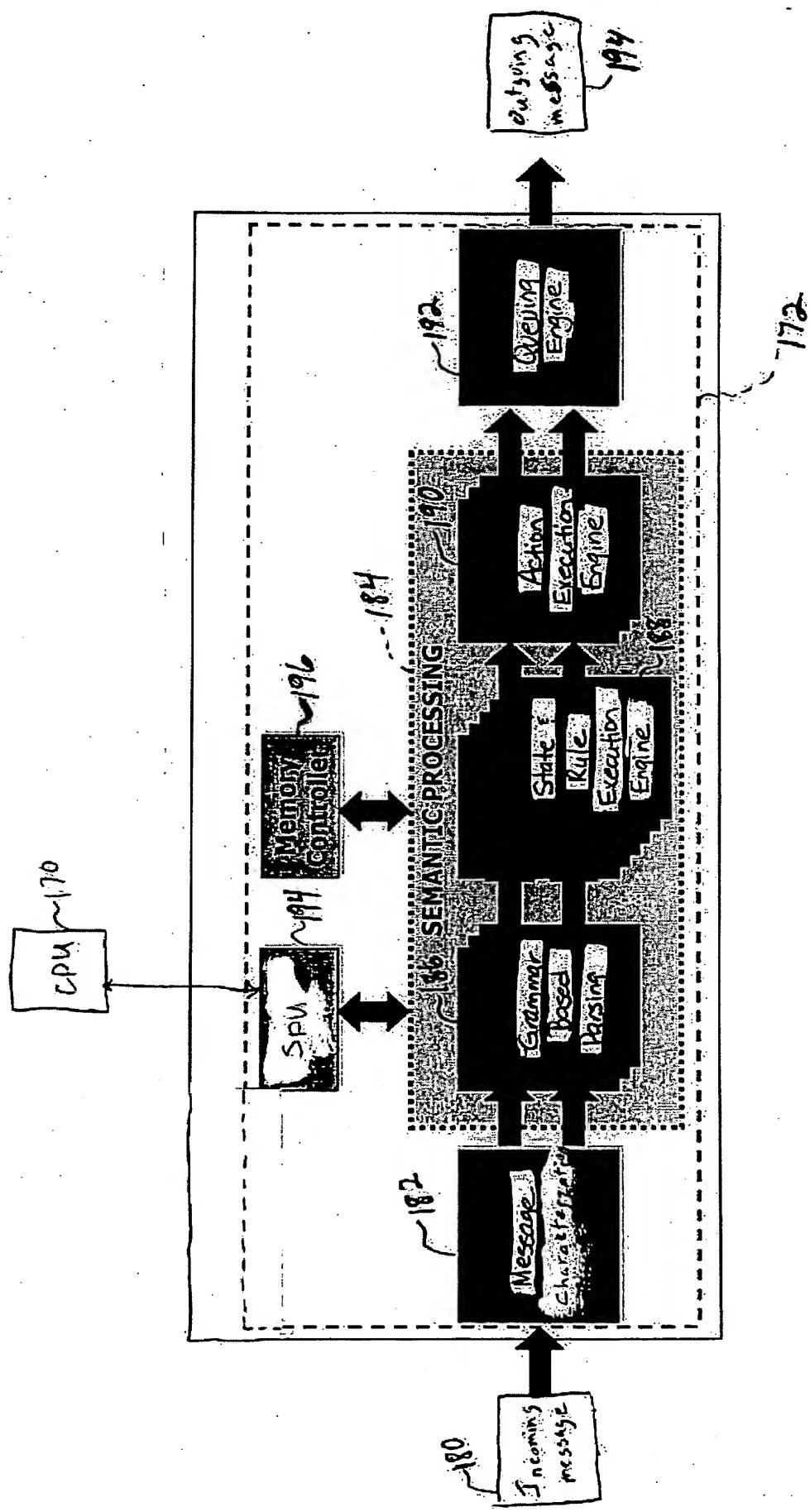


Fig. 5B

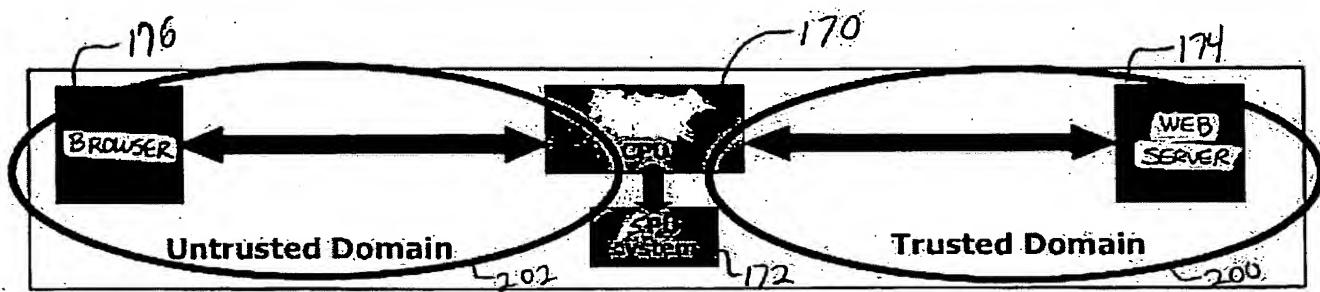


Fig. 6A

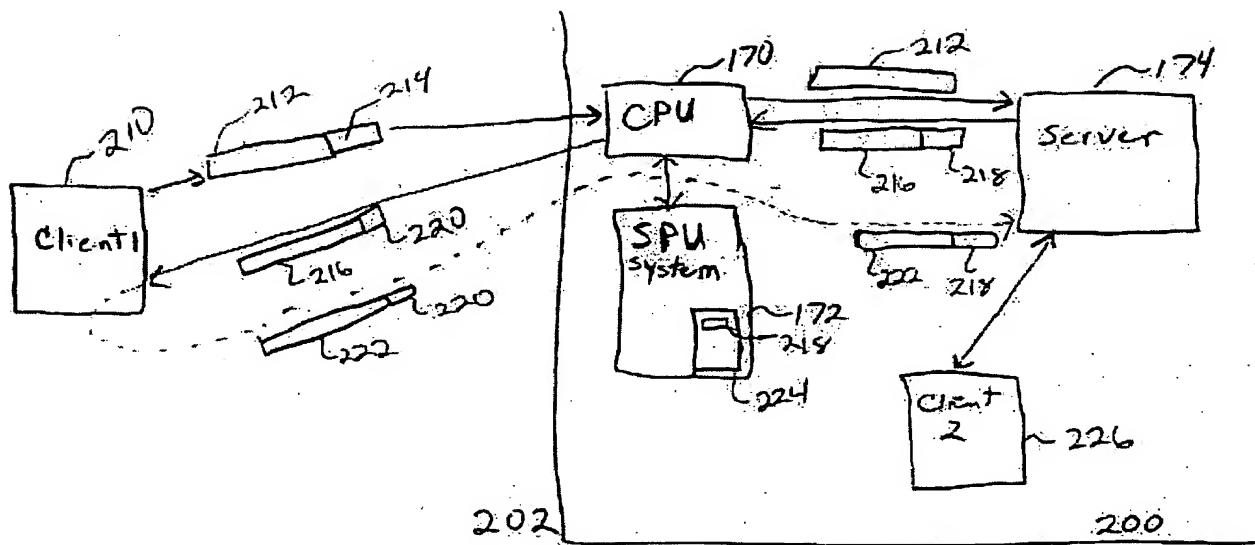
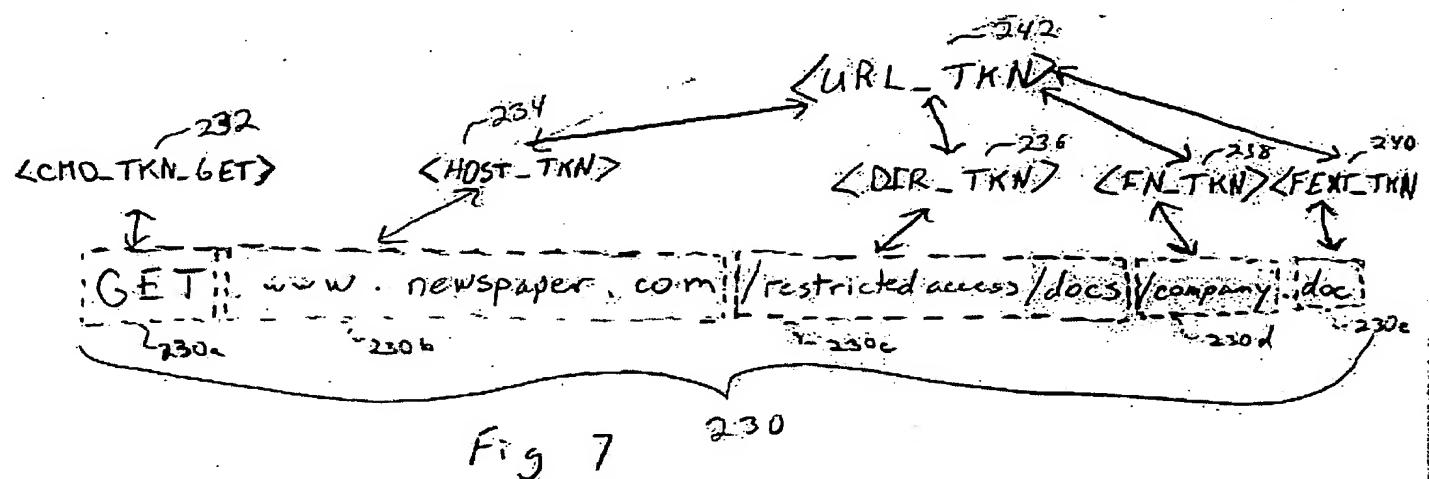


Fig. 6B



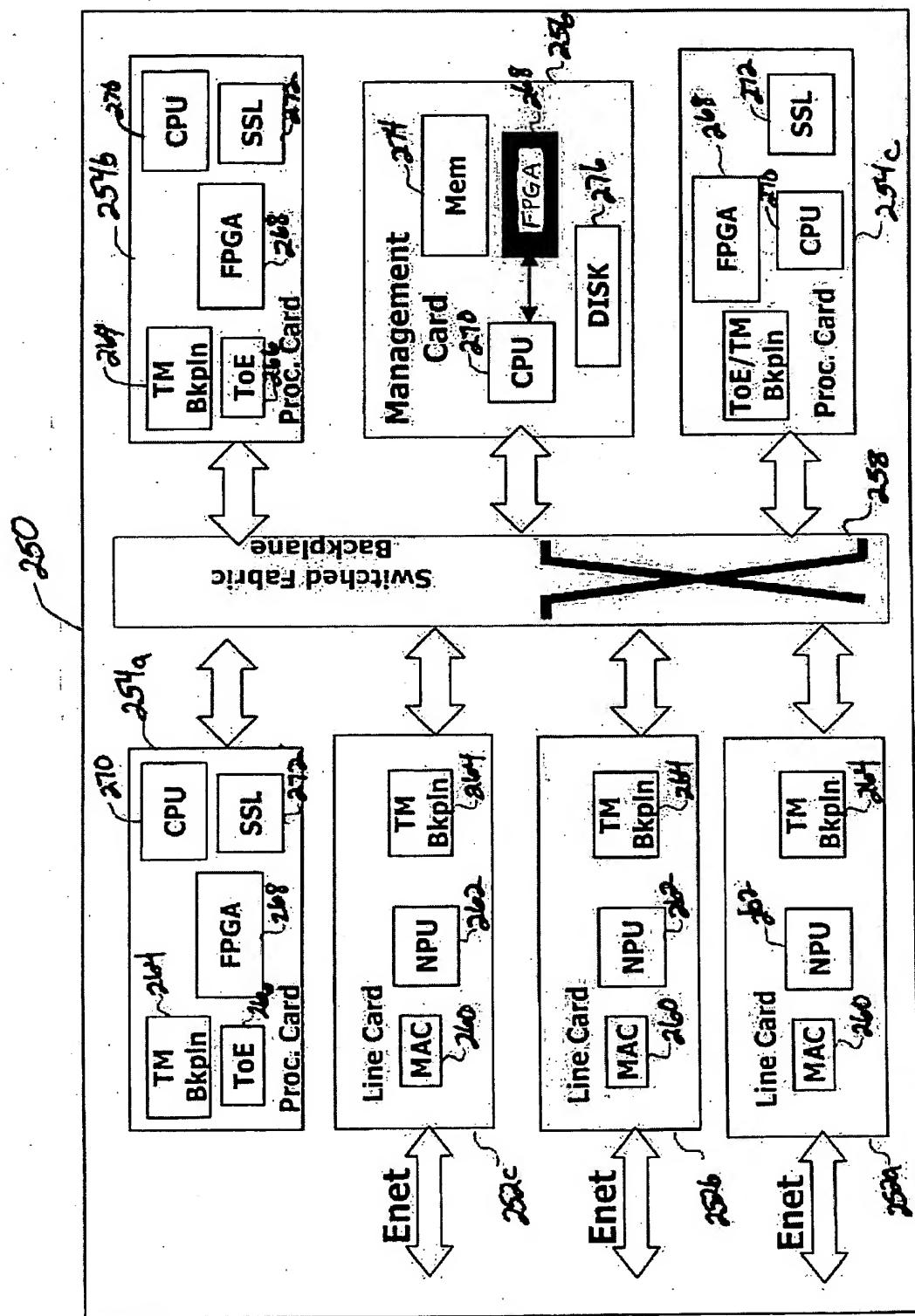


Fig 8A

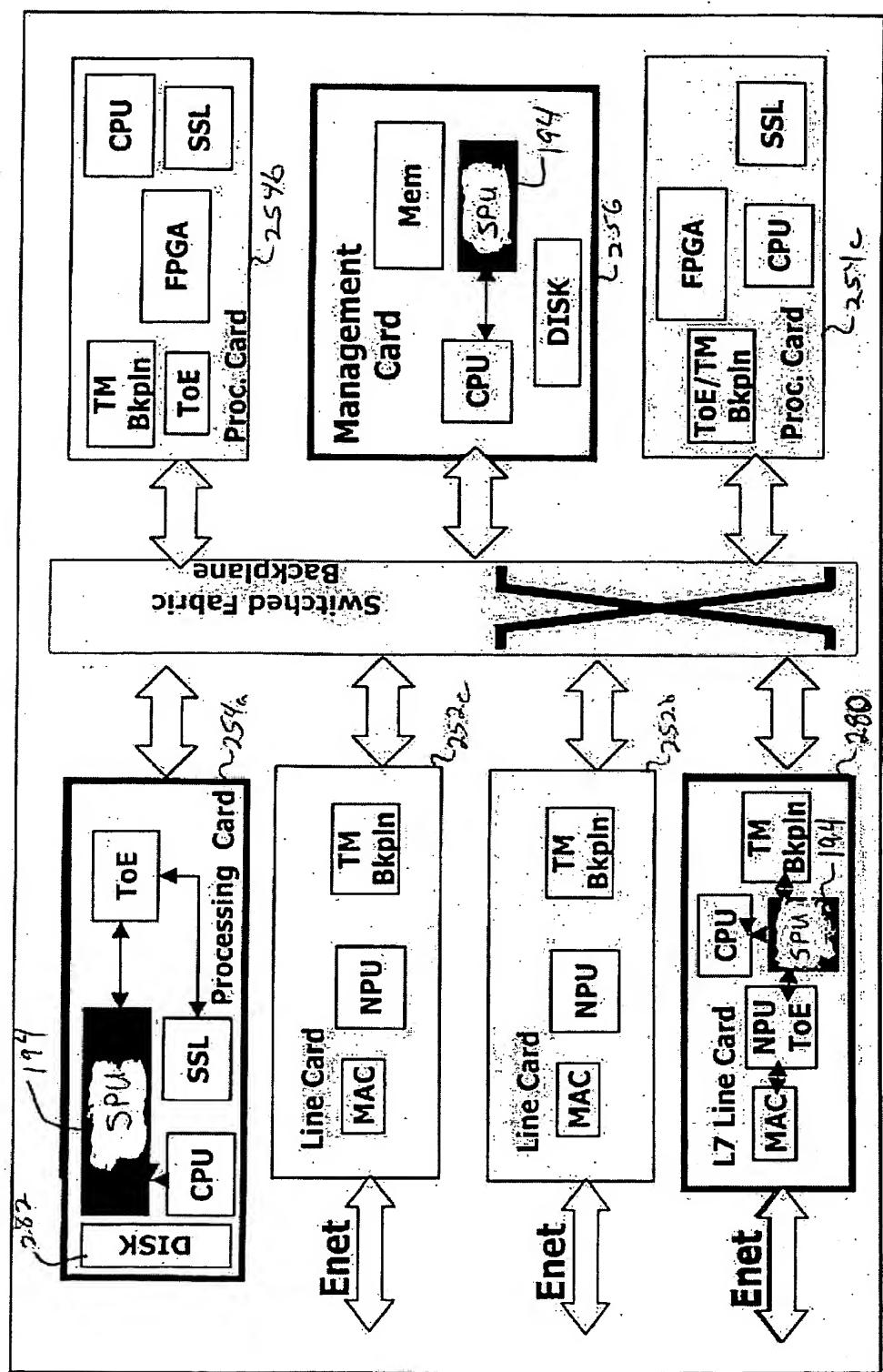


Fig. 8B

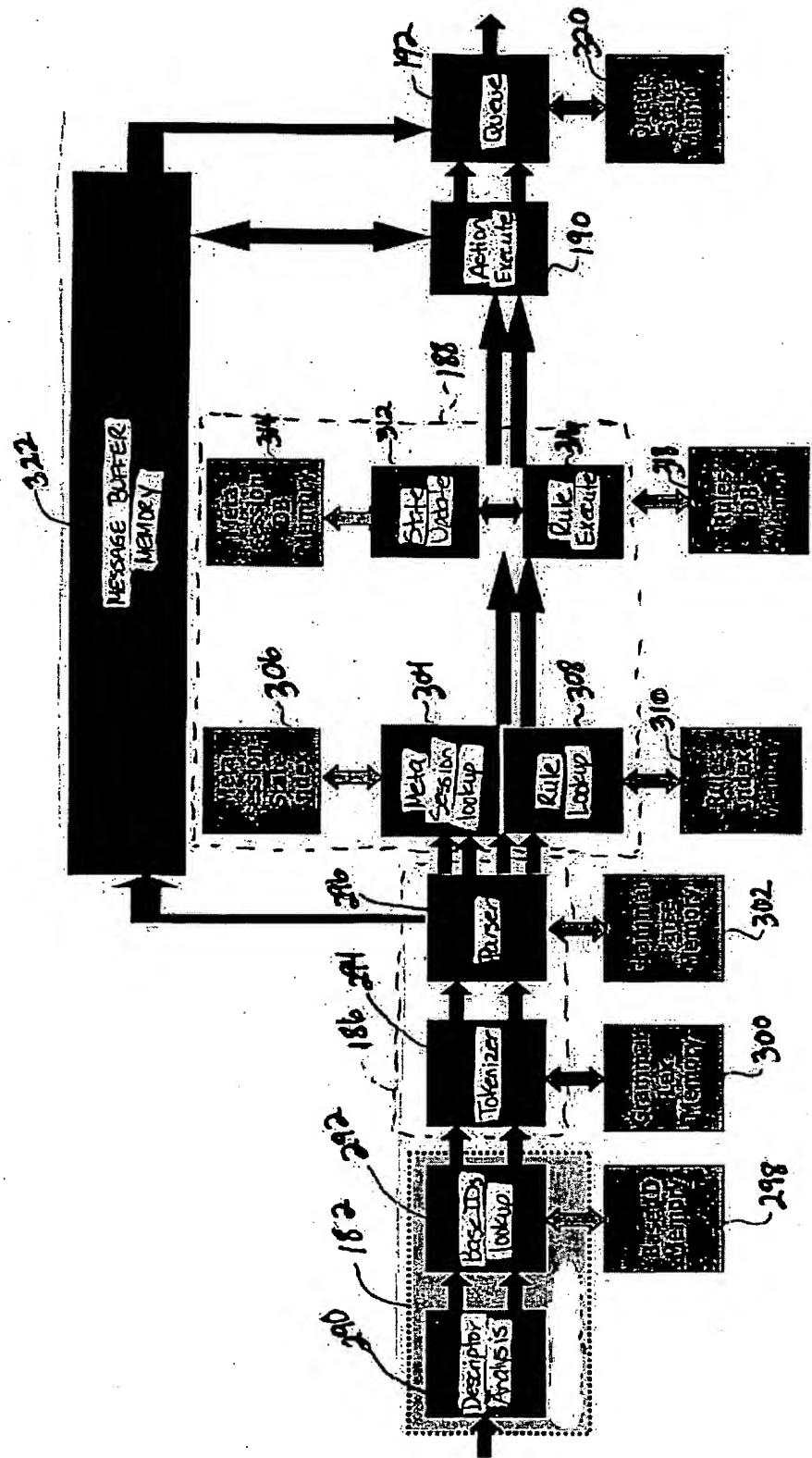


Fig. 9

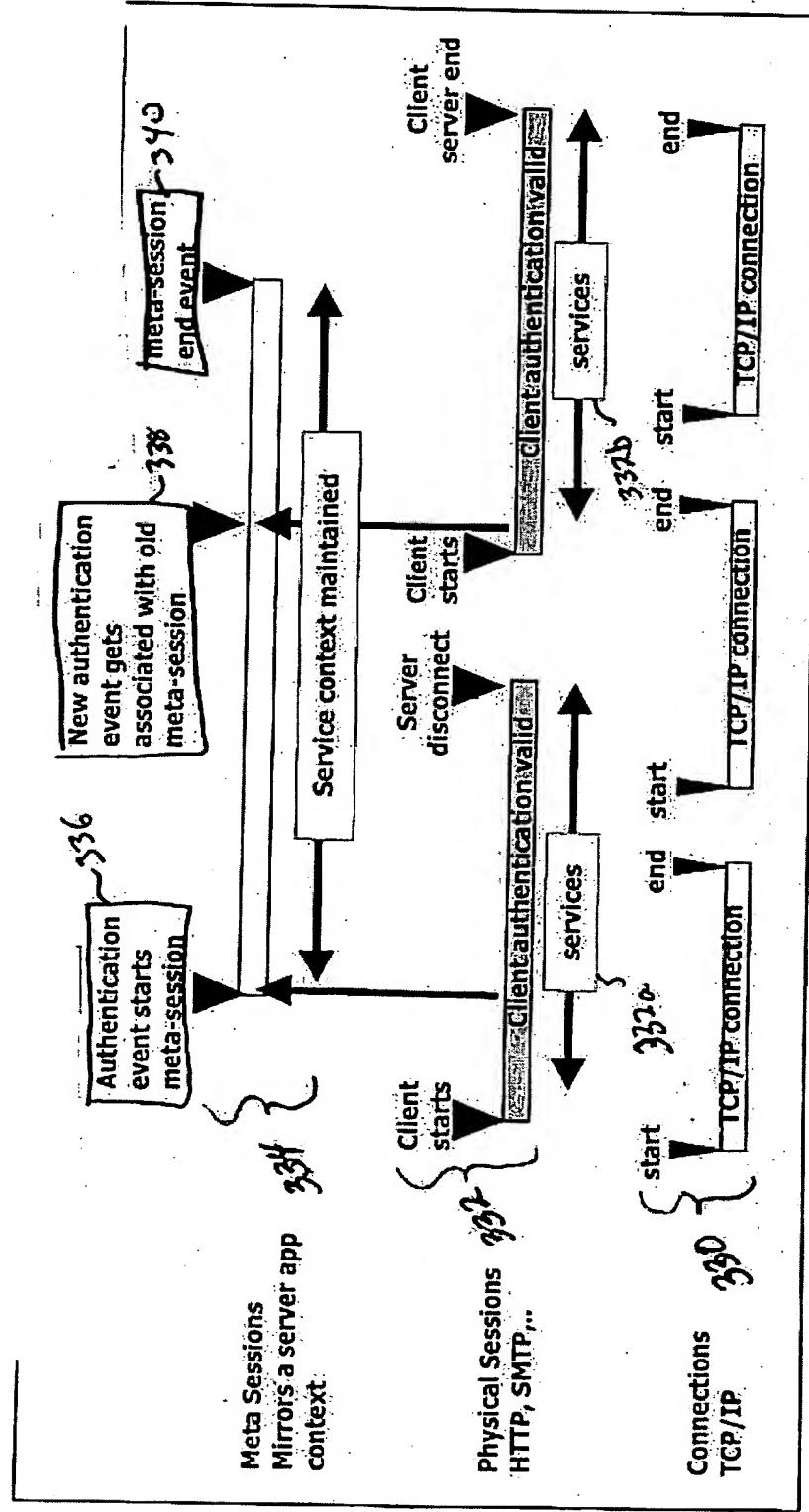


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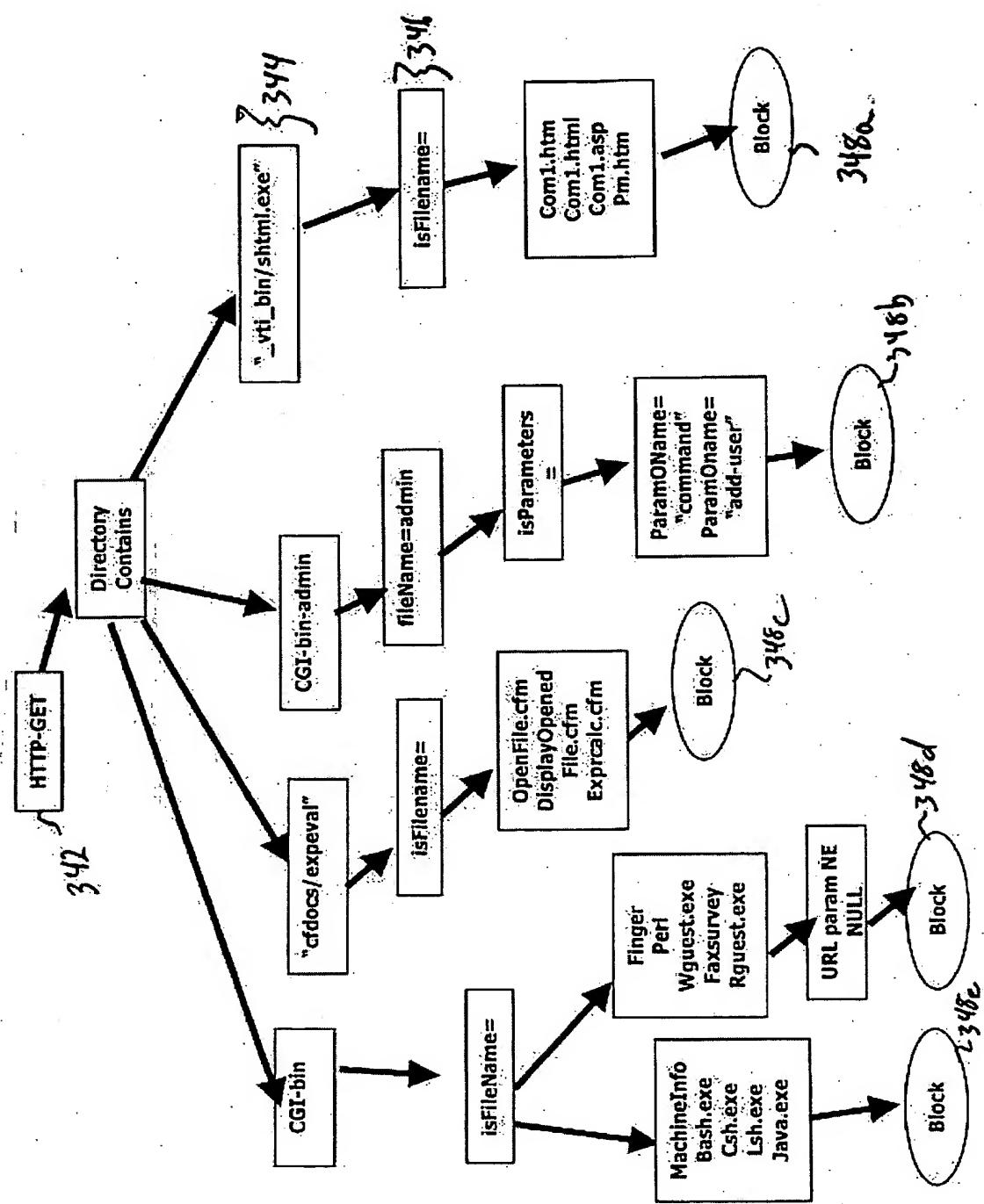


Figure 11

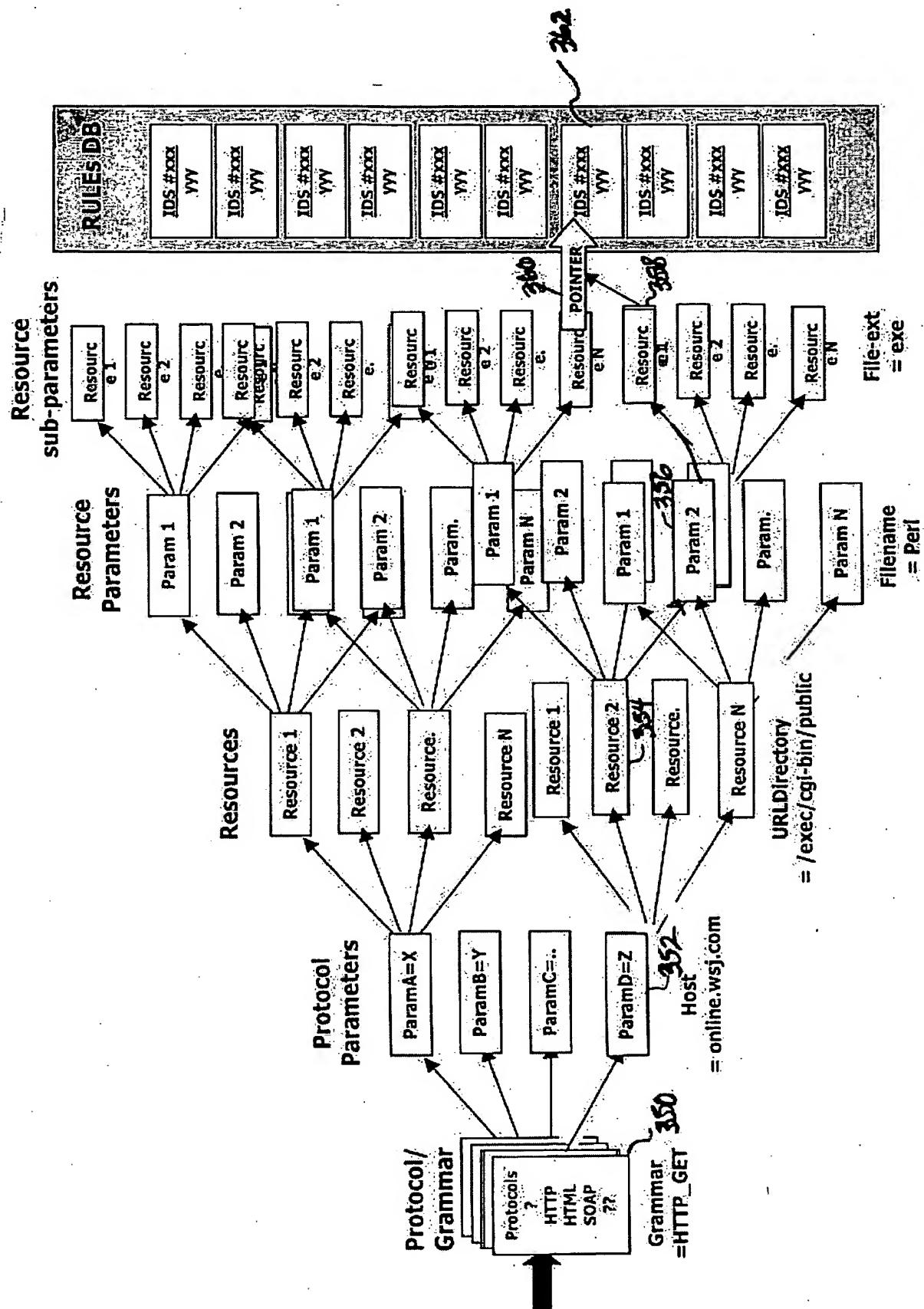


Figure 12

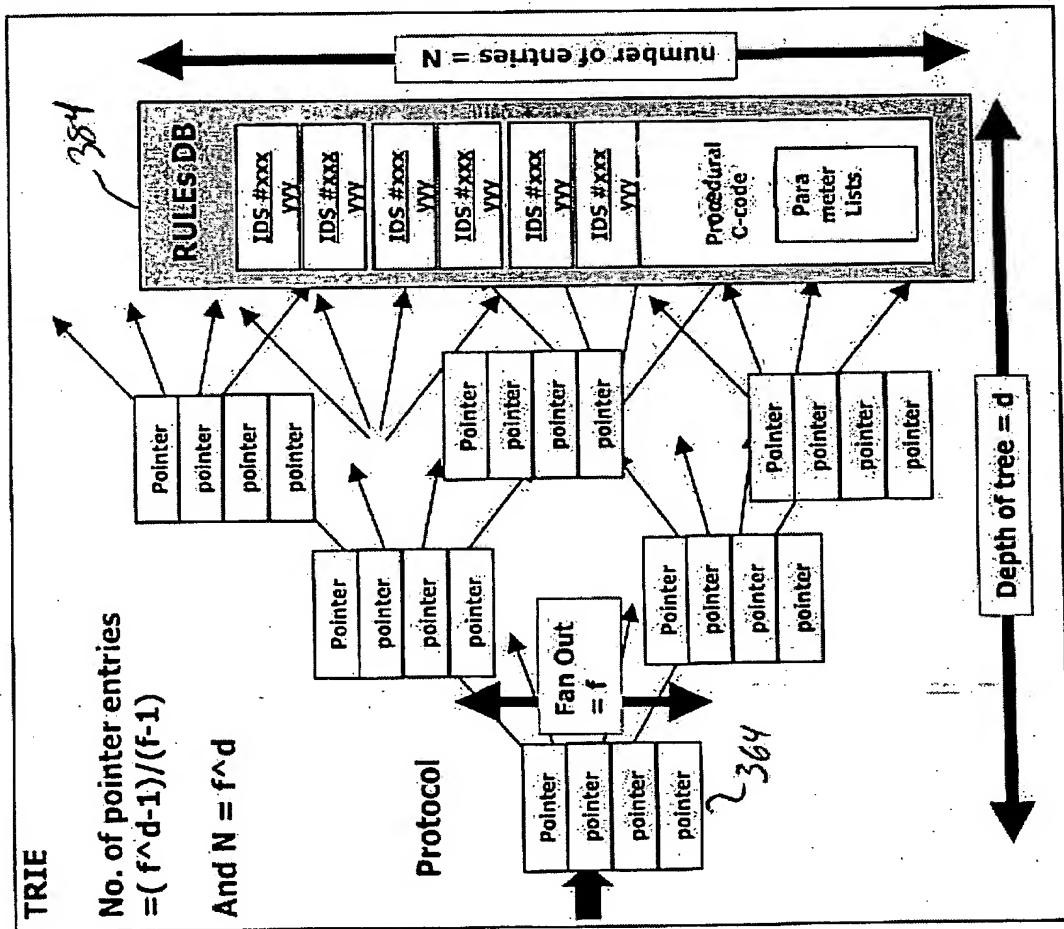
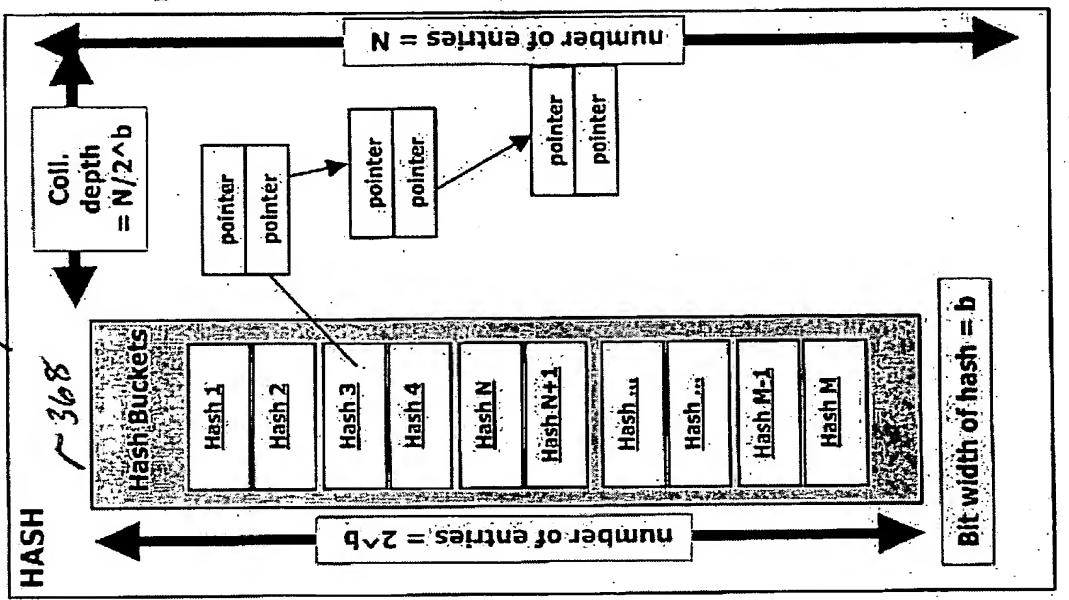


Fig. 13

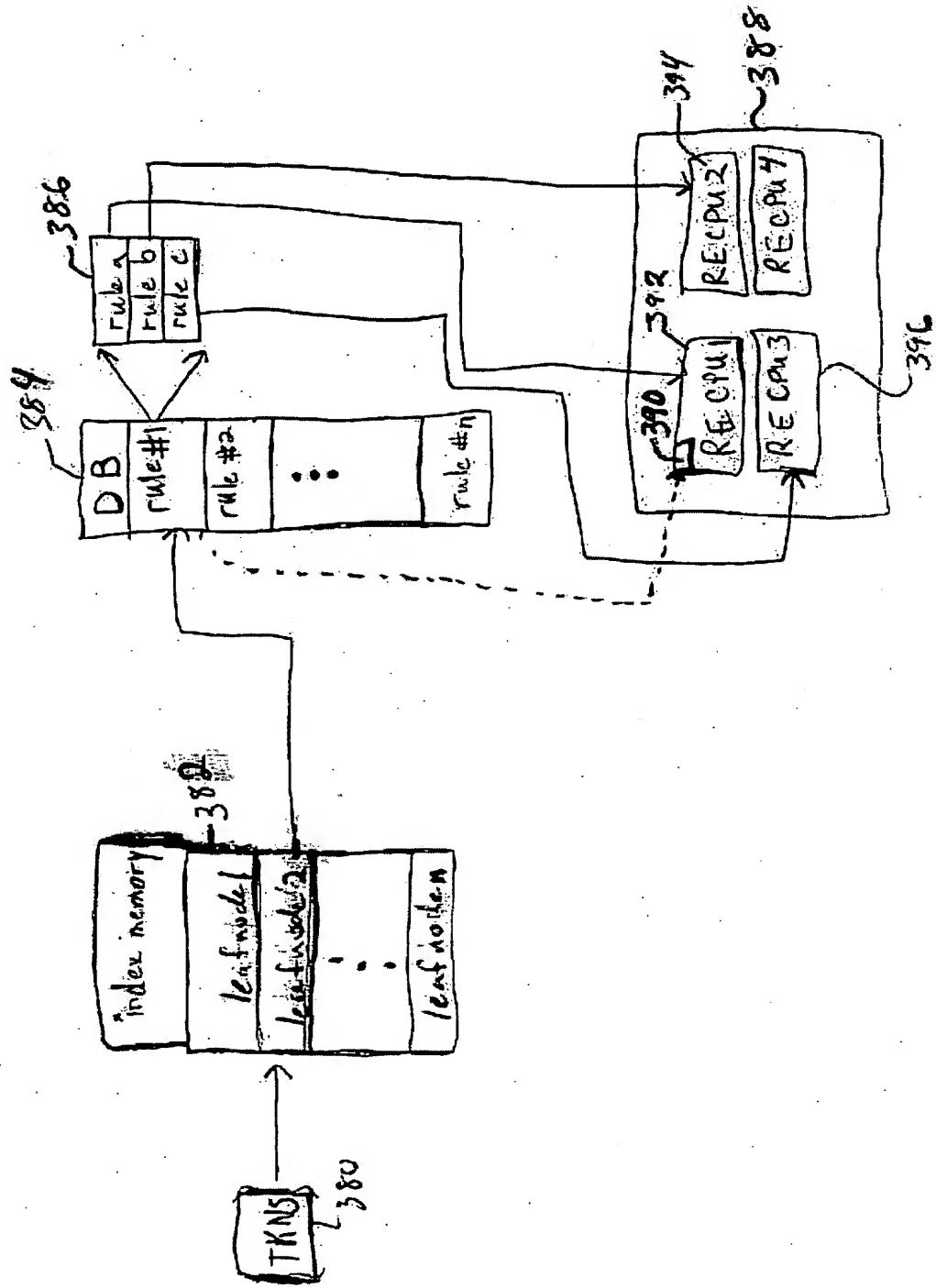


Fig. 14

Updates from rule engine
Hints on next expected grammar,
Blocking or bypass info

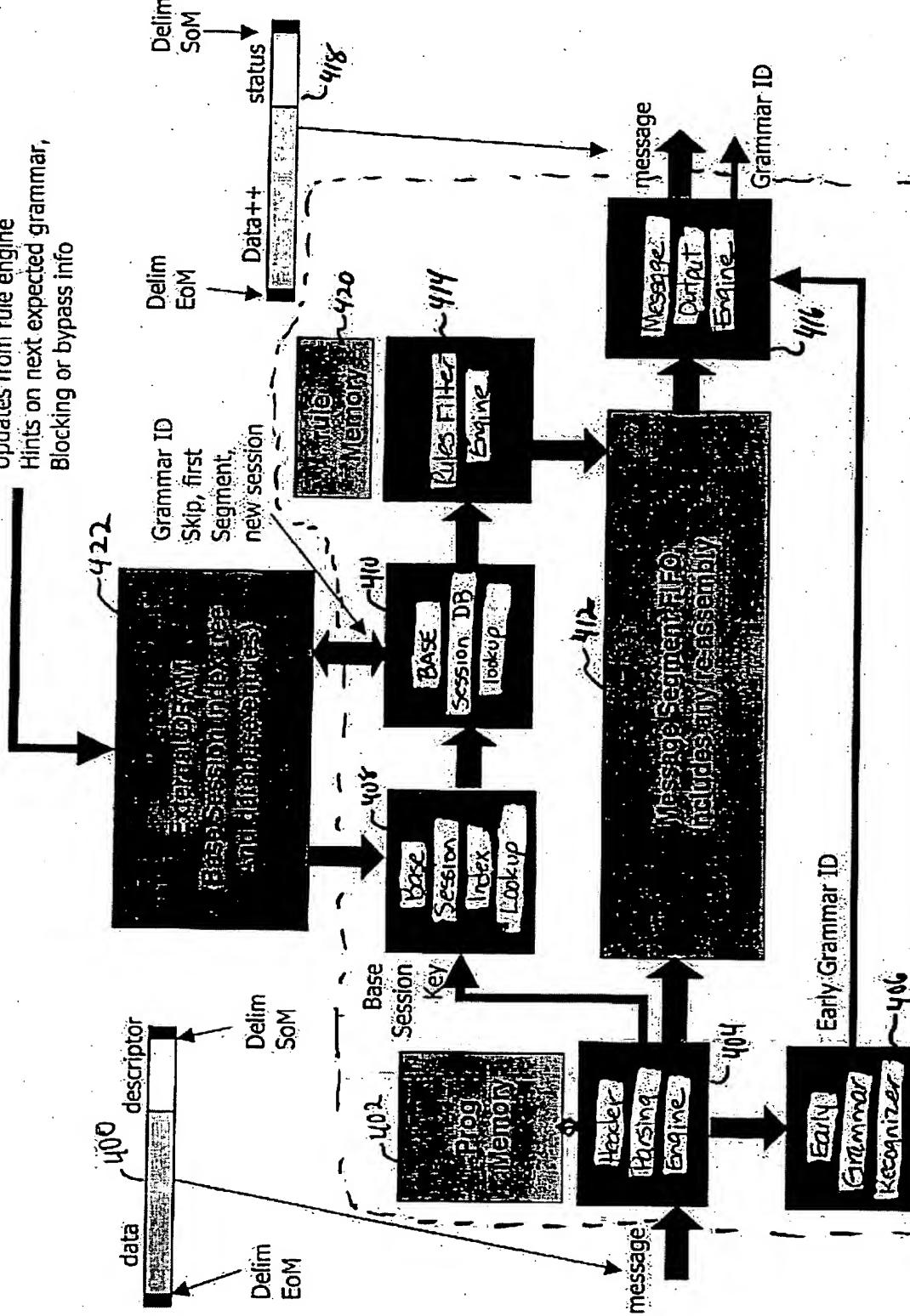


Fig 15

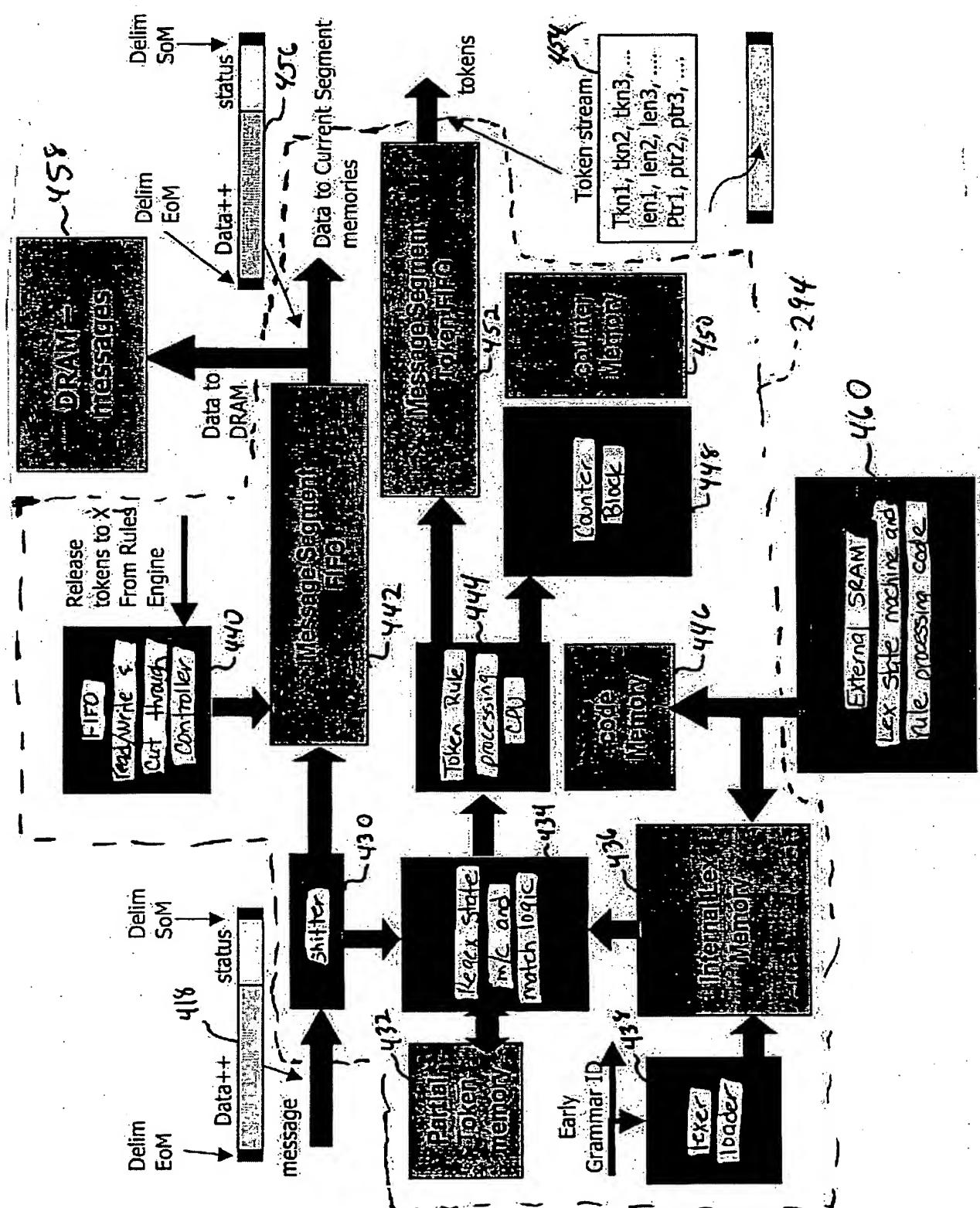


Fig. 16

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Tkn1, tkn2, tkn3, ...
 len1, len2, len3, ...
 ptr1, ptr2, ptr3, ...

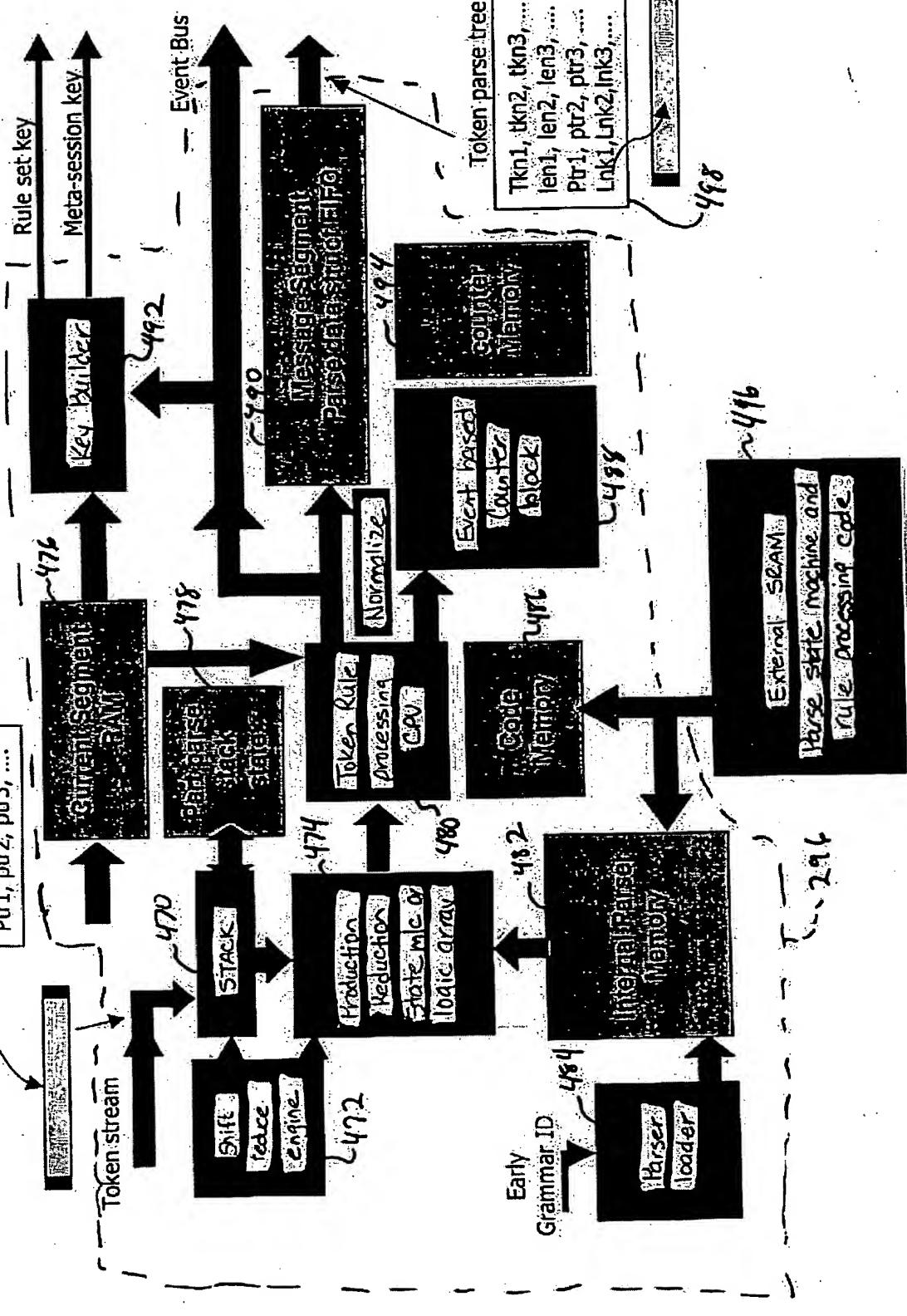


Fig. 17

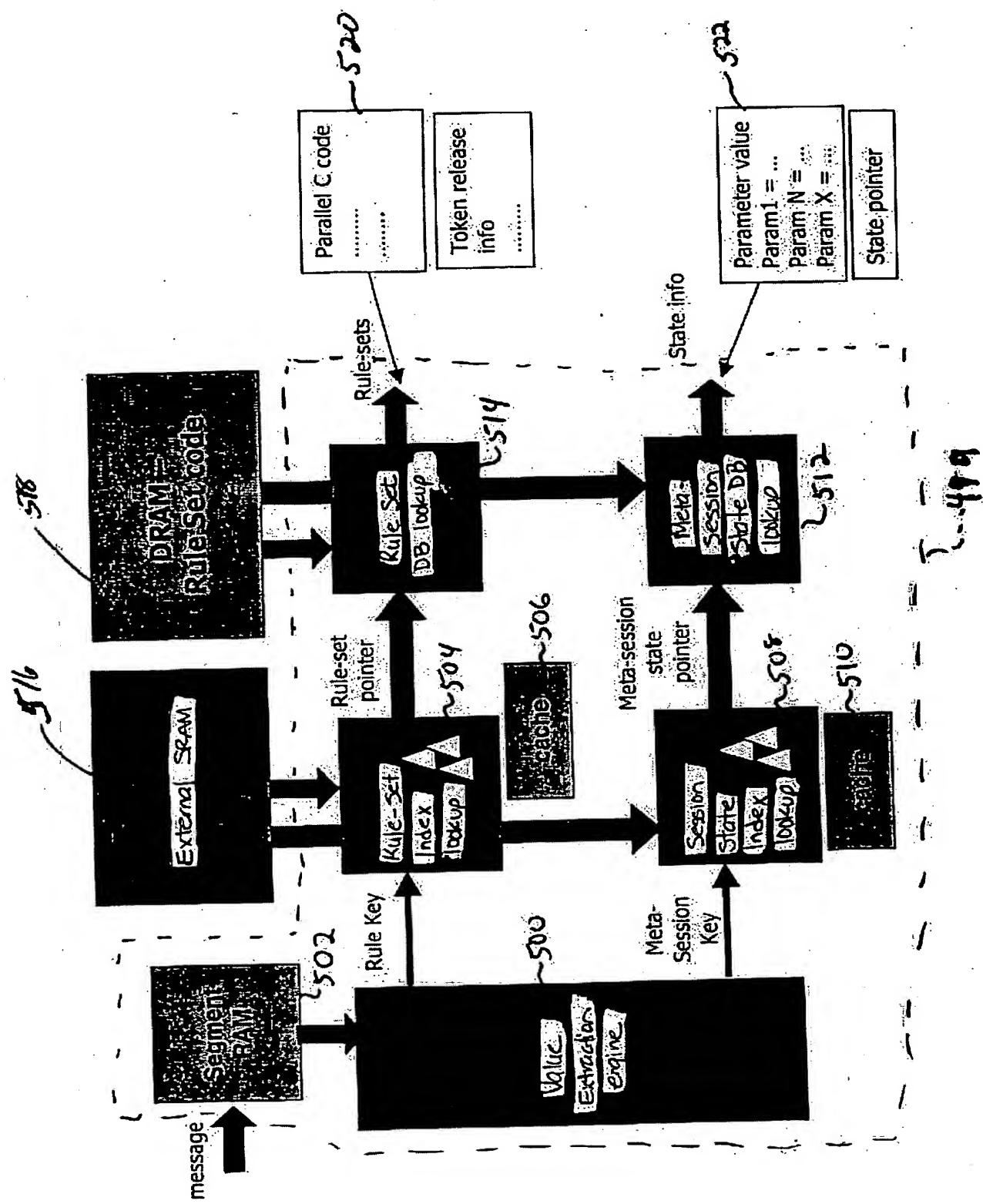


Fig. 18

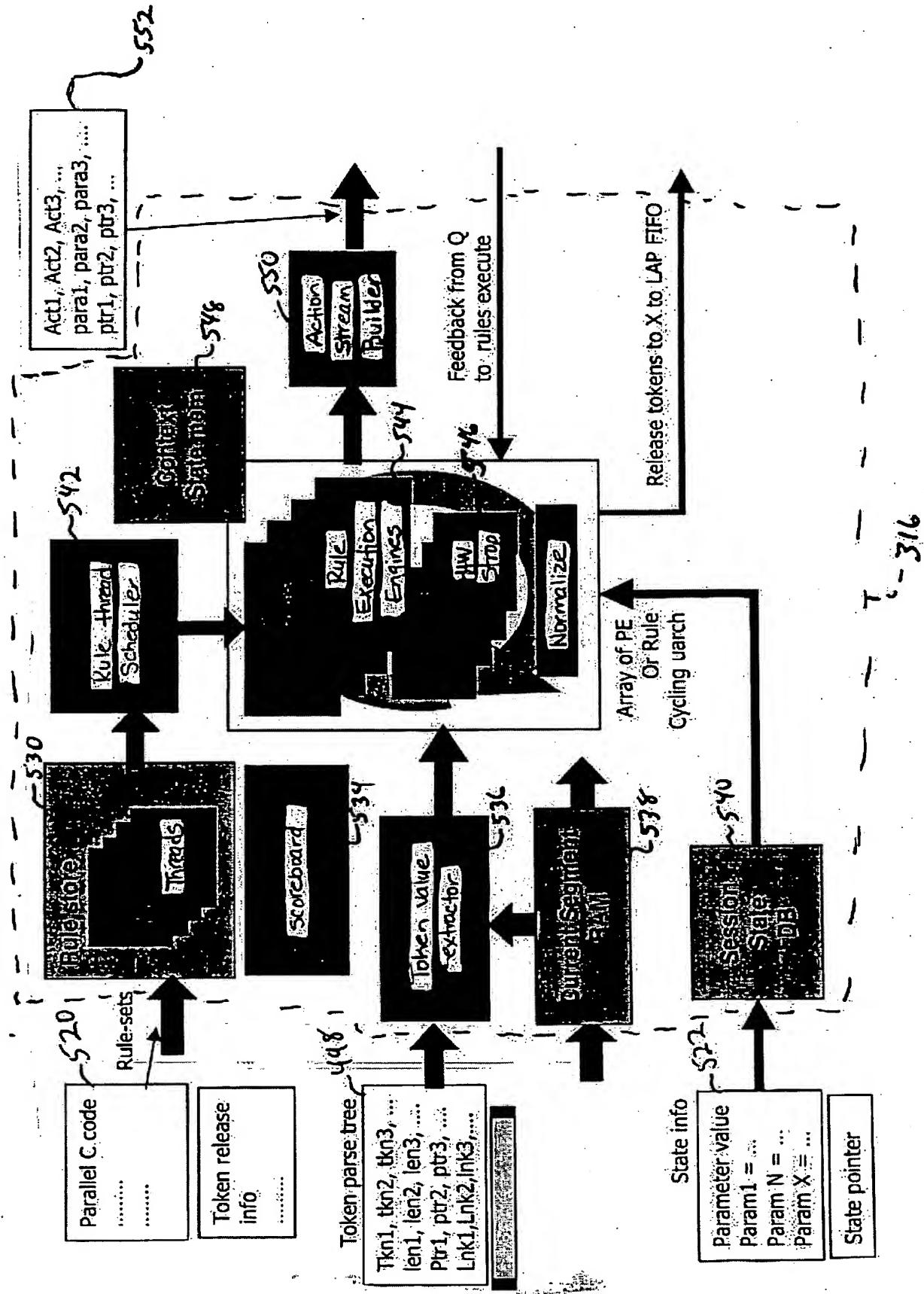


Fig. 19

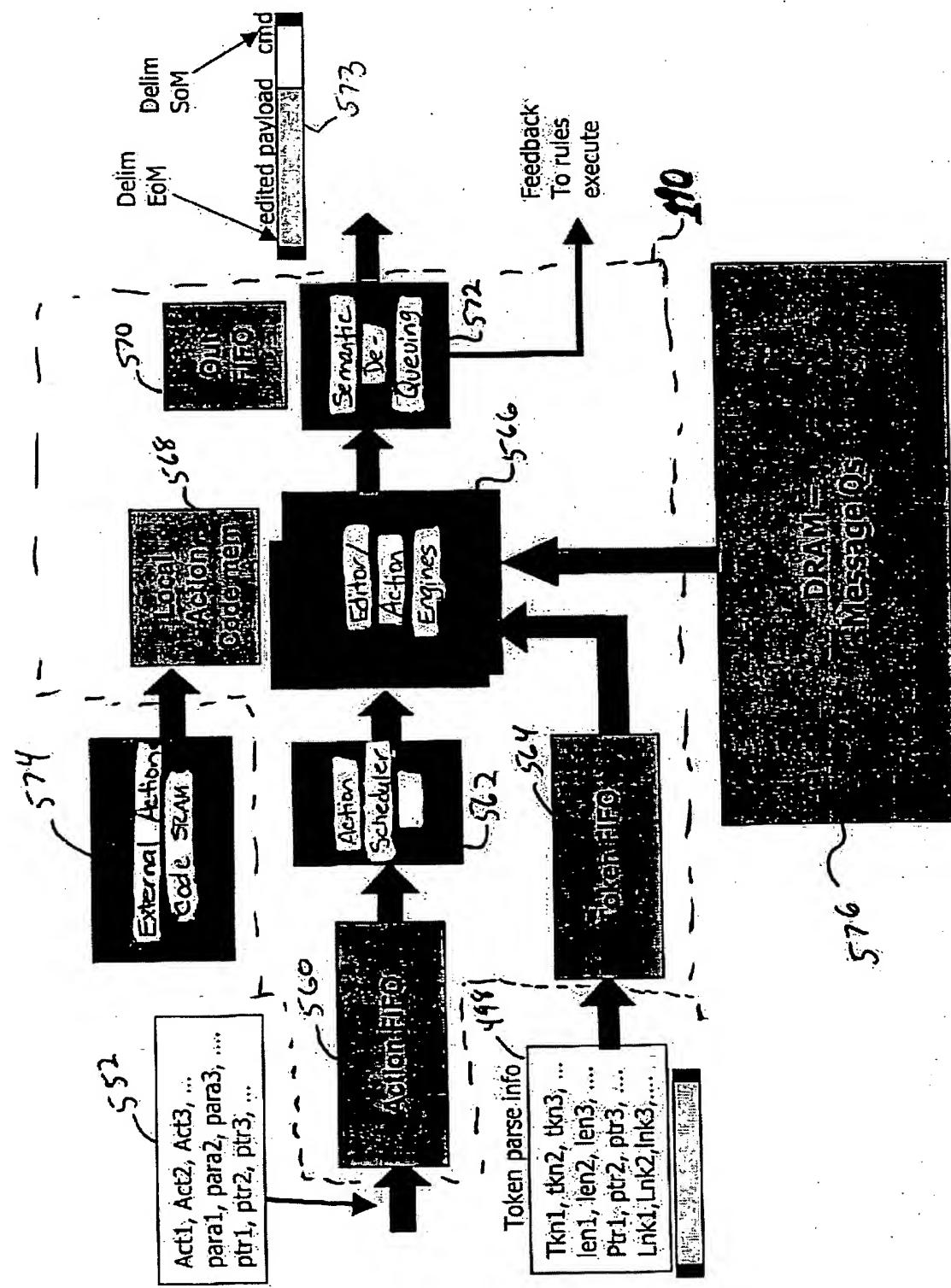
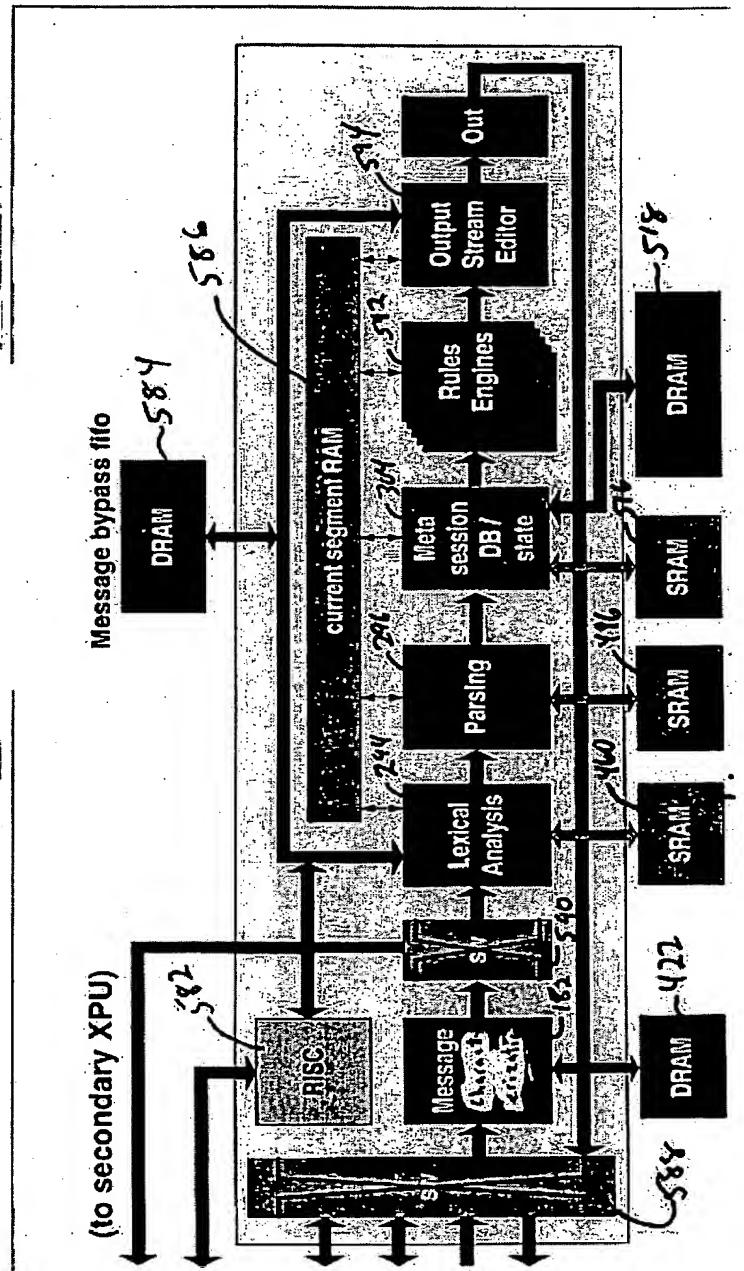


Fig. 20



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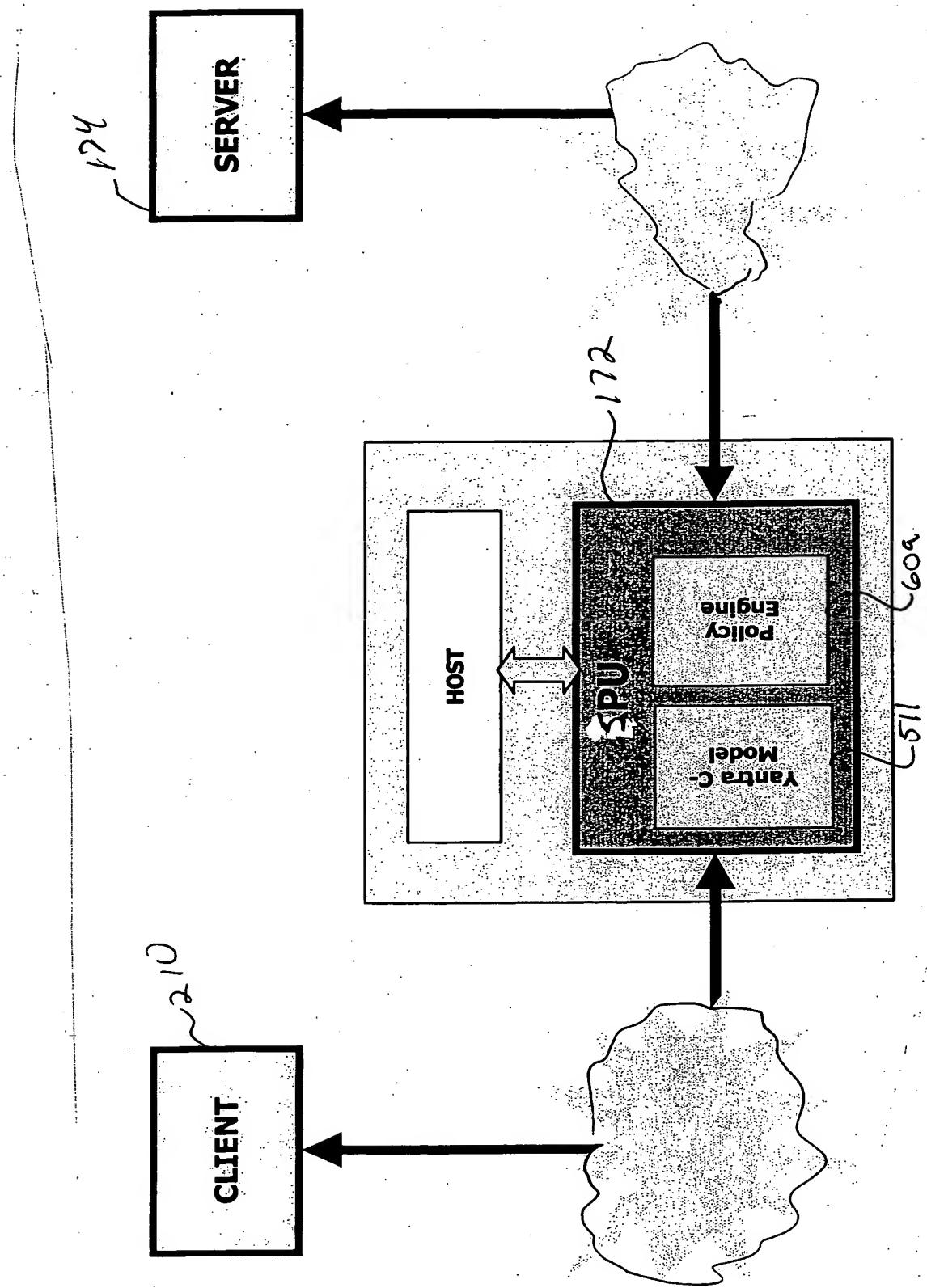


Fig. 22A

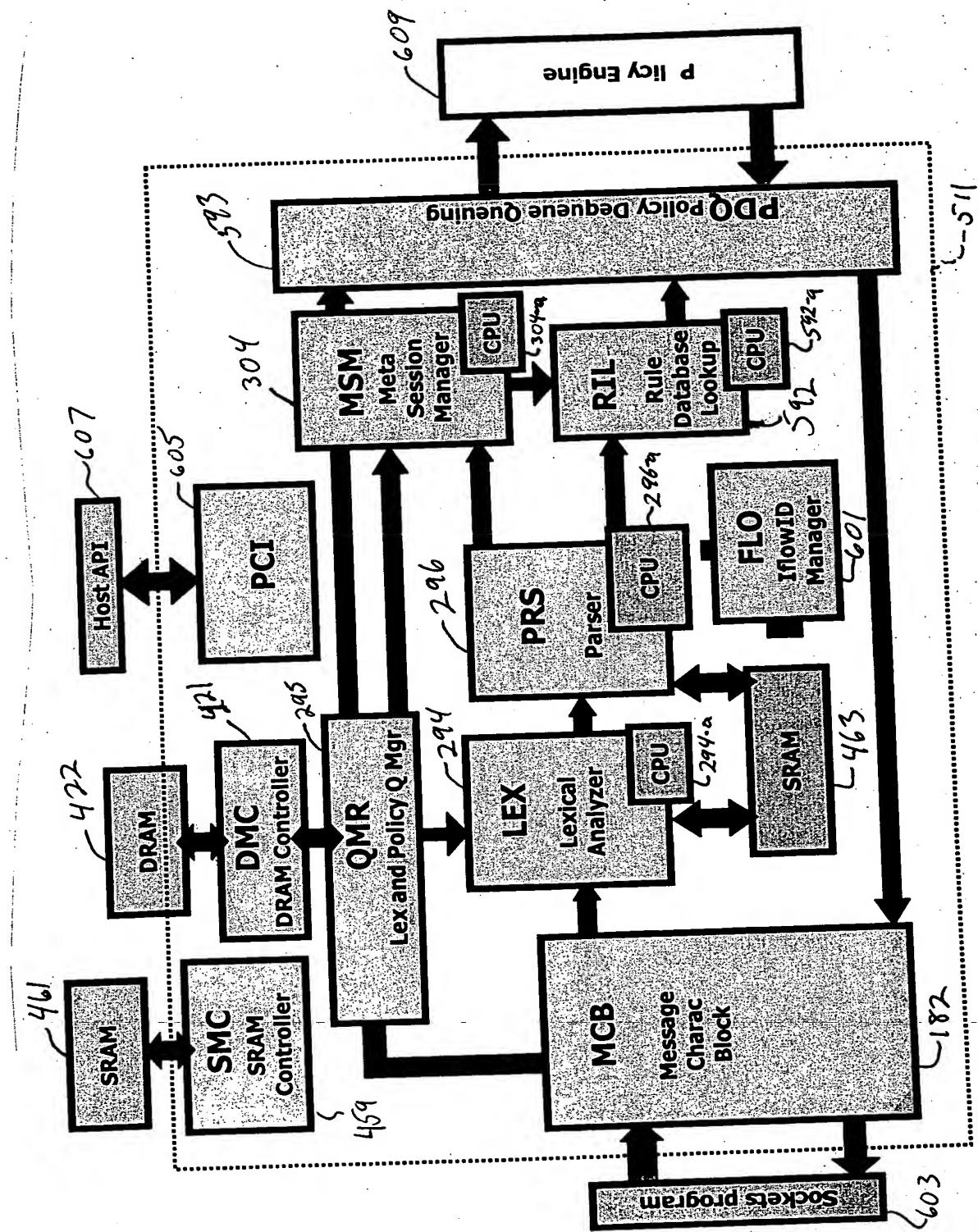
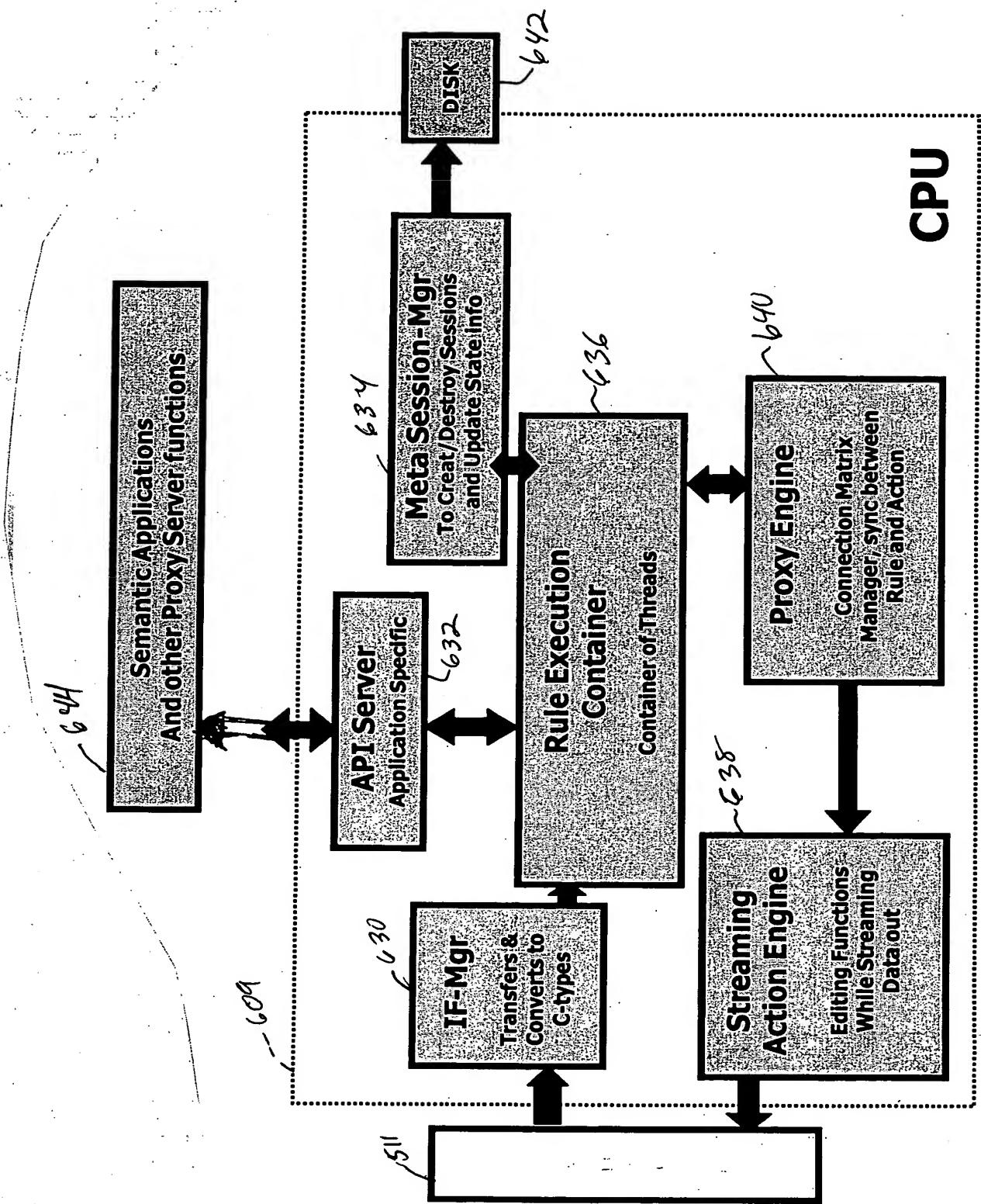
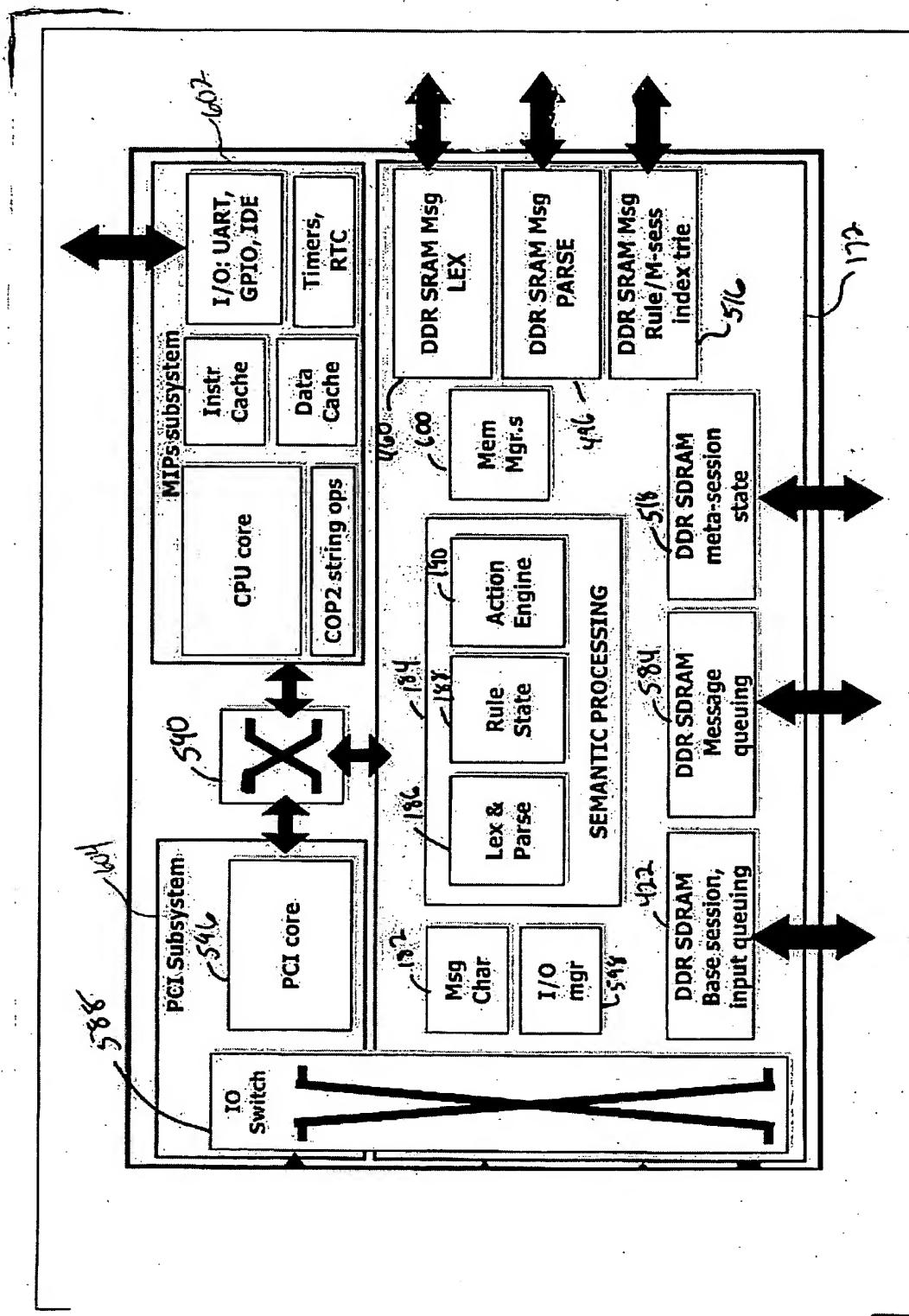


fig 22B

Fig. 22c





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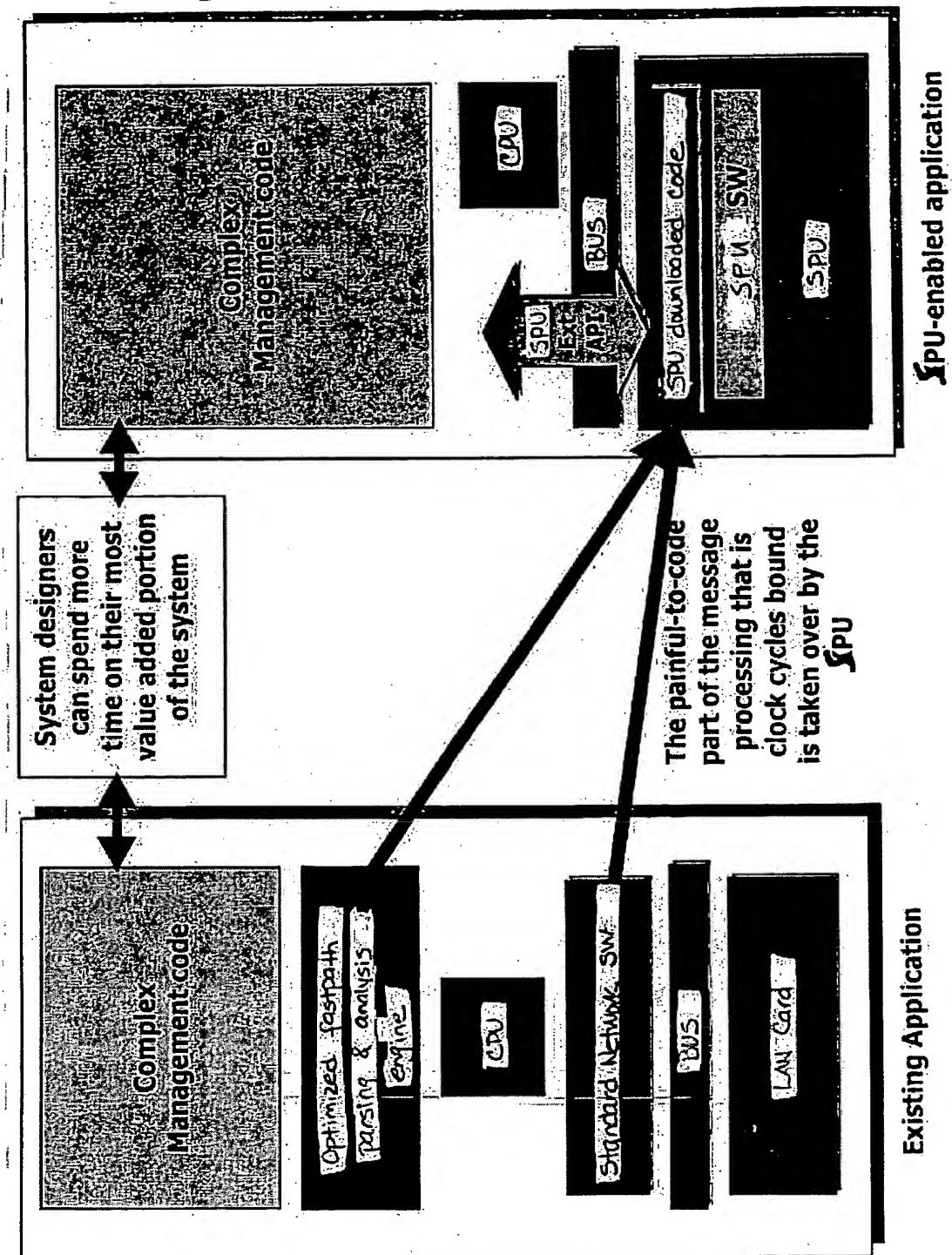


Fig 24

SPU-enabled application

Existing Application

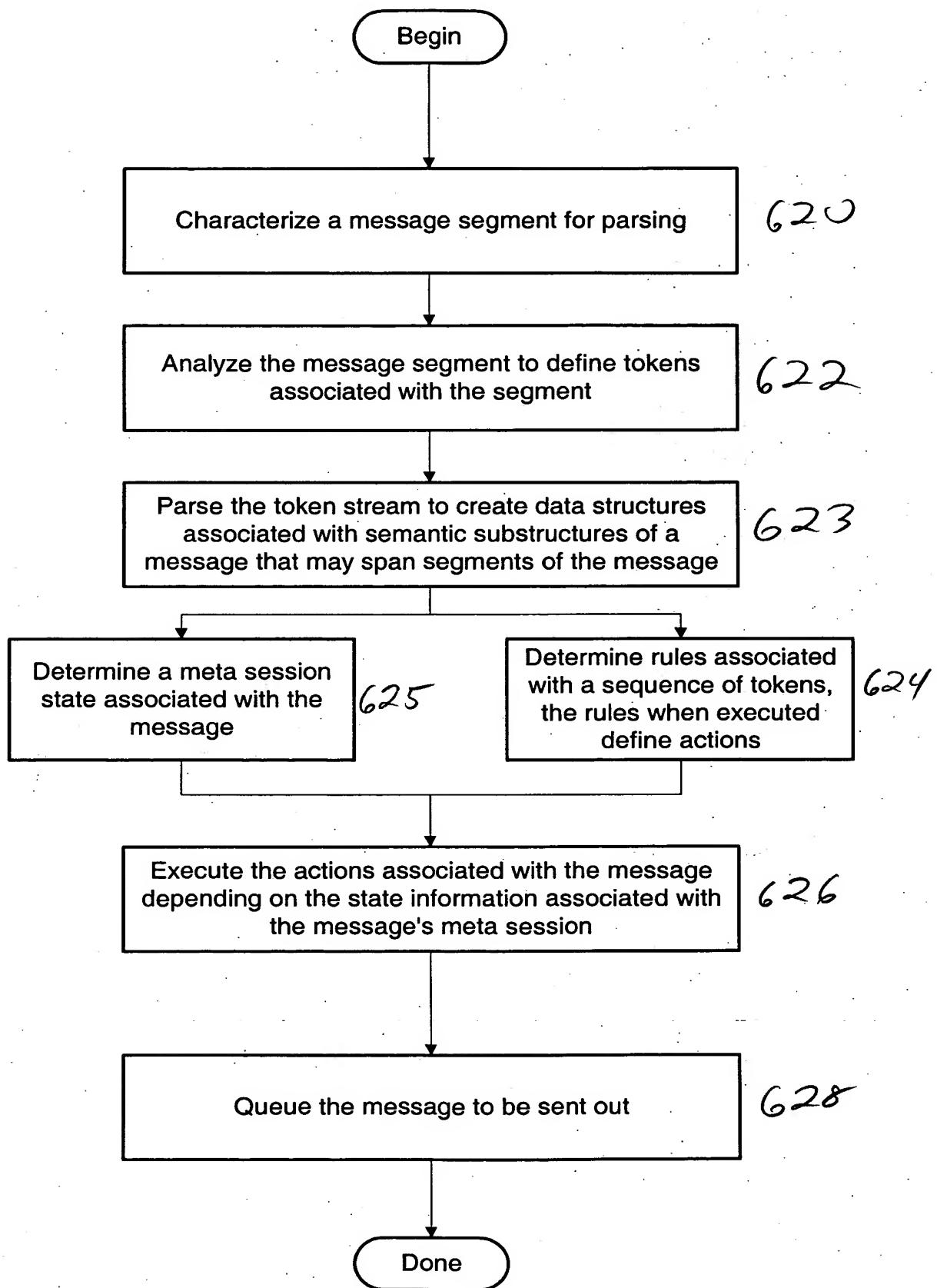


Fig. 25